ELSEVIER

Thermochimica Acta 254 (1995) 393

thermochimica acta

Author index

Abraham, A. 235
Acedo-Ramos, M.A. 249
Alvarez, T. 63
Angelov, Chr. 305
Arcoleo, V. 111
Atalay, T. 371

Borisover, V.A. 47
Busnot, A. 319
Busnot, F. 319

Caballero, J.A. 175
Cavallaro, G. 111
Celik, M.S. 167
Claudy, P. 129
Compton, D.H. 79
Conesa, J.A. 175
Cordfunke, E.H.P. 11
Counioux, J.-J. 129
Criado, J.M. 121, 147

Dai, M. 347
Devi, K.A. 235

Fernandez, M.J. 63
Font, R. 175, 277
Fuertes, A.B. 63

García, A.N. 277
Giolito, I. 209
Gómez-Serrano, V. 249
González, M. 121
Guo, M.-X. 55

Han, Y. 383
Horigome, K. 359
Hsiue, G.-H. 153
Huntelaar, M.E. 11

Ihara, Y. 219
Imai, H. 219
Ionashiro, M. 209
Iyer, A.K.P. 331

Jacob, N.E. 267

Kaddami, M. 129
Kalsi, P.C. 331
Keshavaraja, A. 267
Koga, N. 193
Korobov, A. 1
Krishnan, K. 235
Krishnan, T.E. 235
Książczak, A. 19, 31
Książczak, T. 19

La Manna, G. 111
Le Querler, J.F. 319
Létoffé, J.M. 129
Li, H.-P. 347
Liang, R.-C. 153
Liao, C.-M. 153
Lin, R. 93
Lin, S.-Y. 153
López-Peinado, A.J. 249
Lu, B.C.-Y. 55
Lu, J. 103
Lu, Y. 103
Luiz, J.M. 209

Málek, J. 121
Marcilla, A. 175, 277
Marr, G. 79
Matos, J.R. 209
Matskevich, N.I. 41

Nagata, I. 31
Nair, C.G.R. 235
Ninan, K.N. 235
Norton, K. 79

Okada, S. 193
Ortega, A. 121, 147
Özkan, E. 371

Pandey, A.K. 333
Perez Maqueda, L. 147
Piga, L. 337
Pochetti, F. 337
Popova, T.L. 41
Poyner, W.R. 79

Rachwalska, M. 377
Rajeev, R. 235
Ramaswamy, A.V. 267
Randhawa, B.S. 381

Sawada, Y. 261
Shibuya, K. 219
Shinmura, K. 219
Shopova, N. 305
Singh Mudher, K.D. 331
Sirotkin, V.A. 47
Solomonov, B.N. 47
Sone, K. 219
Stander, P.P. 227
Starikov, M.A. 41
Stoppa, L. 337
Suner, F. 167
Suzuki, M. 261

Takemoto, S. 193
Tanaka, H. 193
Tenu, R. 129
Tsuchida, T. 359
Turco Liveri, V. 111

Valenzuela-Calahorro, C. 249
van Miltenburg, J.C. 11
van Vuuren, C.P.J. 227
Velasco, G. 63

Wang, S. 383
Wu, Y. 93

Xie, W. 103

Yazbeck, J. 319
Yu, Q. 93

Zhan, S. 103
Zhang, F.-Q. 347
Zhang, Y. 383
Zhao, E. 55
Zhao, J.-P. 347
Zhong, H. 93
Zhuo, K. 103
Zolotova, E.S. 41

ELSEVIER

Thermochimica Acta 254 (1995) 395–401

thermochimica acta

Subject index

AOT
Calorimetric investigation on the formation of palladium nanoparticles in water/AOT/*n*-heptane microemulsions 111
Activated carbon
Thermogravimetric study of activated carbon oxidized with H_2O_2 249
Activation energy
Thermal studies on unirradiated and γ-irradiated polymer of allyl diglycol carbonate 331
Allyl diglycol carbonate
Thermal studies on unirradiated and γ-irradiated polymer of allyl diglycol carbonate 331
Alumina
The effect of grinding on the thermal decomposition of alumina monohydrates, α- and β-$Al_2O_3 \cdot H_2O$ 359
Amino acid
Enthalpy of the interaction of glycine, α-alanine and α-aminobutyric acid with sodium iodide at 298.15 K 103
Aminoethanethiol
Thermal behaviour of benzyloxycarbonyl derivatives of 2-aminoethanethiol 79
Auto-oxidation
Thermochemical destruction of esters of 2-chloro-2-(1-cyclohexenyl) ethylenylphosphonic acid and their inhibitory properties 305
Avrami–Erofeev
The problem of discerning Avrami–Erofeev kinetic models from the new controlled rate thermal analysis with constant acceleration of the transformation 147

Basic carbonate
Thermal behaviour of the basic carbonates of lanthanum–europium 209
Benzyloxycarbonyl derivative
Thermal behaviour of benzyloxycarbonyl derivatives of 2-aminoethanethiol 79
Binary system
A new flow calorimeter for the determination of the isobaric heat capacity of vapors 93
Volumetric properties of binary mixtures of water with ethanolamine alkyl derivatives 347
Boehmite
The effect of grinding on the thermal decomposition of alumina monohydrates, α- and β-$Al_2O_3 \cdot H_2O$ 359
Boron mineral
A thermodynamic analysis of the decrepitation process 167

Calcination
A thermodynamic analysis of the decrepitation process 167
Calcium carbonate
The effect of the CO_2 pressure on the thermal decomposition kinetics of calcium carbonate 121
Calcium chloride
Phase diagram of the ternary system $SmCl_3$–NaCl–$CaCl_2$ 383
Calorimeter
A new flow calorimeter for the determination of the isobaric heat capacity of vapors 93
Calorimetry
The thermodynamics of some reactions in the Gd–Ba–Cu–O system 41
Carbon dioxide
Sulfation of dolomite particles at high CO_2 partial pressures 63
The effect of the CO_2 pressure on the thermal decomposition kinetics of calcium carbonate 121
Catalyst
Thermal decomposition studies. Part 19. Kinetics and mechanism of thermal decomposition of copper ammonium chromate precursor to copper chromite catalyst and correlation of surface parameters of the catalyst with propellant burning rate 235

Thermochemical destruction of esters of 2-chloro-2-(1-cyclohexenyl) ethylenylphosphonic acid and their inhibitory properties 305
Cellulose
Analysis of different kinetic models in the dynamic pyrolysis of cellulose 175
Co-ordination
Cis–trans isomerism among the octahedral diaquabis(*N*-substituted ethylenediamine) nickel(II) complexes and their thermal reaction products: the mechanism of the thermal *trans*-diaqua-to-*cis*-dihalogeno configurational change 219
Colemanite
A thermodynamic analysis of the decrepitation process 167
Copper ammonium chromate
Thermal decomposition studies. Part 19. Kinetics and mechanism of thermal decomposition of copper ammonium chromate precursor to copper chromite catalyst and correlation of surface parameters of the catalyst with propellant burning rate 235
Coupled technique
A kinetic study of the thermal decomposition of iron(III) hydroxide oxides. Part 1. α-FeO(OH) in banded iron formations 193
Application of thermal analysis techniques to a sample of Red Mud — a by-product of the Bayer process — for magnetic separation 337
Study of a theophylline–Eudragit L mixture using a combined system of microscopic Fourier-transform infrared spectroscopy and differential scanning calorimetry 153
Thermal change of SnI_2 thin films. Part 4. TG–DTA and DSC 261
CRTA
The problem of discerning Avrami–Erofeev kinetic models from the new controlled rate thermal analysis with constant acceleration of the transformation 147
Crystallization
Thermal decomposition of co-precipitated oxide hydrates of zirconium and manganese 267
Cubic phase
Thermal decomposition of co-precipitated oxide hydrates of zirconium and manganese 267
Cumene
Thermochemical destruction of esters of 2-chloro-2-(1-cyclohexenyl) ethylenylphosphonic acid and their inhibitory properties 305
Decomposition
The effect of grinding on the thermal decomposition of alumina monohydrates, α- and β-$Al_2O_3 \cdot H_2O$ 359
The effect of the CO_2 pressure on the thermal decomposition kinetics of calcium carbonate 121
Thermal behaviour of the basic carbonates of lanthanum–europium 209
Thermal decomposition of co-precipitated oxide hydrates of zirconium and manganese 267
Thermal studies on unirradiated and γ-irradiated polymer of allyl diglycol carbonate 331
A kinetic study of the thermal decomposition of iron(III) hydroxide oxides. Part 1. α-FeO(OH) in banded iron formations 193
Decrepitation
A thermodynamic analysis of the decrepitation process 167
Diethylethanolamine
Volumetric properties of binary mixtures of water with ethanolamine alkyl derivatives 347
Dimethylethanolamine
Volumetric properties of binary mixtures of water with ethanolamine alkyl derivatives 347
Dolomite
Sulfation of dolomite particles at high CO_2 partial pressures 63
DSC
Study of a theophylline–Eudragit L mixture using a combined system of microscopic Fourier-transform infrared spectroscopy and differential scanning calorimetry 153
Thermal behaviour of benzyloxycarbonyl derivatives of 2-aminoethanethiol 79
Thermal change of SnI_2 thin films. Part 4. TG–DTA and DSC 261
Thermal decomposition studies. Part 19. Kinetics and mechanism of thermal decomposition of copper ammonium chromate precursor to copper chromite catalyst and correlation of surface parameters of the catalyst with propellant burning rate 235
DTA
Caractérisation de matériel humique, d'origine terrestre de la région Bas-Normande 319
Comparative studies on the thermal analysis of alkali tris(carboxylato)ferrates(III) 381
Phase diagram of the ternary system $SmCl_3$–NaCl–$CaCl_2$ 383

The effect of grinding on the thermal decomposition of alumina monohydrates, α- and β-$Al_2O_3 \cdot H_2O$ 359
Thermal change of SnI_2 thin films. Part 4. TG–DTA and DSC 261
Thermal decomposition of co-precipitated oxide hydrates of zirconium and manganese 267
Thermal decomposition studies. Part 19. Kinetics and mechanism of thermal decomposition of copper ammonium chromate precursor to copper chromite catalyst and correlation of surface parameters of the catalyst with propellant burning rate 235
Thermal studies on unirradiated and γ-irradiated polymer of allyl diglycol carbonate 331

DTG
Comparative studies on the thermal analysis of alkali tris(carboxylato)ferrates(III) 381
Thermal behaviour of benzyloxycarbonyl derivatives of 2-aminoethanethiol 79
Thermal decomposition studies. Part 19. Kinetics and mechanism of thermal decomposition of copper ammonium chromate precursor to copper chromite catalyst and correlation of surface parameters of the catalyst with propellant burning rate 235
Thermogravimetric kinetic study of the pyrolysis of municipal solid waste 277
Thermogravimetric study of activated carbon oxidized with H_2O_2 249

Energy storage
The ternary system H_2O–NH_4NO_3–$Al(NO_3)_3$. Isotherms at −25, −20, −18.2, −10 and 0°C and spatial diagram up to 0°C 129

Enthalpy
Enthalpy of the interaction of glycine, α-alanine and α-aminobutyric acid with sodium iodide at 298.15 K 103

Enthalpy increment
The heat capacity and derived thermophysical properties of $SrZrSi_2O_7$ from 5 to 1000 K 11

Entropy
The heat capacity and derived thermophysical properties of $SrZrSi_2O_7$ from 5 to 1000 K 11

EPRS
Caractérisation de matériel humique, d'origine terrestre de la région Bas-Normande 319

Esters of 2-chloro-2-(1-cyclohexenyl) ethylenylphosphonic acid
Thermochemical destruction of esters of 2-chloro-2-(1-cyclohexenyl) ethylenylphosphonic acid and their inhibitory properties 305

Eudragit L
Study of a theophylline–Eudragit L mixture using a combined system of microscopic Fourier-transform infrared spectroscopy and differential scanning calorimetry 153

Europium
Thermal behaviour of the basic carbonates of lanthanum–europium 209

Excess molar volume
Volumetric properties of binary mixtures of water with ethanolamine alkyl derivatives 347

Ferrite
Comparative studies on the thermal analysis of alkali tris(carboxylato)ferrates(III) 381

Flash pyrolysis
Thermogravimetric kinetic study of the pyrolysis of municipal solid waste 277

Flow calorimeter
A new flow calorimeter for the determination of the isobaric heat capacity of vapors 93

FTIR
Study of a theophylline–Eudragit L mixture using a combined system of microscopic Fourier-transform infrared spectroscopy and differential scanning calorimetry 153

Gamma radiation
Thermal studies on unirradiated and γ-irradiated polymer of allyl diglycol carbonate 331

Geometric–probabilistic description
Localization phenomena in heterogeneous chemical kinetics with respect to a geometric–probabilistic description 1

Gibbs ensemble Monte Carlo method
Molecular simulations of enthalpies for CH_4–C_2H_6–CO_2 mixtures at saturation conditions 55

Grinding
The effect of grinding on the thermal decomposition of alumina monohydrates, α- and β-$Al_2O_3 \cdot H_2O$ 359

Haematite
Application of thermal analysis techniques to a sample of Red Mud — a by-product of the Bayer process — for magnetic separation 337

Heat capacity
A new flow calorimeter for the determination of the isobaric heat capacity of vapors 93
Heat of vaporization
Molecular simulations of enthalpies for CH_4–C_2H_6–CO_2 mixtures at saturation conditions 55
Heptane
Calorimetric investigation on the formation of palladium nanoparticles in water/AOT/*n*-heptane microemulsions 111
High partial pressure
Sulfation of dolomite particles at high CO_2 partial pressures 63
Homogeneous precipitation
Thermal behaviour of the basic carbonates of lanthanum–europium 209
HSA
Thermodynamics of water binding by human serum albumin suspended in acetonitrile 47
Human serum albumin
Thermodynamics of water binding by human serum albumin suspended in acetonitrile 47
Humic acid
Caractérisation de matériel humique, d'origine terrestre de la région Bas-Normande 319
Hydration
Thermochemical study of methabenzthiazuron 19
Hydrogen peroxide
Thermogravimetric study of activated carbon oxidized with H_2O_2 249

Inhibitor
Thermochemical destruction of esters of 2-chloro-2-(1-cyclohexenyl) ethylenylphosphonic acid and their inhibitory properties 305
Instrument
A new flow calorimeter for the determination of the isobaric heat capacity of vapors 93
Interaction
Enthalpy of the interaction of glycine, α-alanine and α-aminobutyric acid with sodium iodide at 298.15 K 103
Study of a theophylline–Eudragit L mixture using a combined system of microscopic Fourier-transform infrared spectroscopy and differential scanning calorimetry 153
Iron hydroxide oxide
A kinetic study of the thermal decomposition of iron(III) hydroxide oxides. Part 1. α-FeO(OH) in banded iron formations 193
Iron vanadate
The oxidation kinetics of FeV_2O_4 in the range 200–580°C 227
Isobaric heat capacity
A new flow calorimeter for the determination of the isobaric heat capacity of vapors 93
Isomer
Cis–trans isomerism among the octahedral diaquabis(*N*-substituted ethylenediamine) nickel(II) complexes and their thermal reaction products: the mechanism of the thermal *trans*-diaqua-to-*cis*-dihalogeno configurational change 219
Isothermal
A kinetic study of the thermal decomposition of iron(III) hydroxide oxides. Part 1. α-FeO(OH) in banded iron formations 193
The oxidation kinetics of FeV_2O_4 in the range 200–580°C 227
The ternary system H_2O–NH_4NO_3–$Al(NO_3)_3$. Isotherms at −25, −20, −18.2, −10 and 0°C and spatial diagram up to 0°C 129

Kinetics
A kinetic study of the thermal decomposition of iron(III) hydroxide oxides. Part 1. α-FeO(OH) in banded iron formations 193
Analysis of different kinetic models in the dynamic pyrolysis of cellulose 175
The effect of the CO_2 pressure on the thermal decomposition kinetics of calcium carbonate 121
The oxidation kinetics of FeV_2O_4 in the range 200–580°C 227
The problem of discerning Avrami–Erofeev kinetic models from the new controlled rate thermal analysis with constant acceleration of the transformation 147
Thermal decomposition studies. Part 19. Kinetics and mechanism of thermal decomposition of copper ammonium chromate precursor to copper chromite catalyst and correlation of surface parameters of the catalyst with propellant burning rate 235
Thermogravimetric kinetic study of the pyrolysis of municipal solid waste 277

Lanthanum
Thermal behaviour of the basic carbonates of lanthanum–europium 209
Ligand
Determination of thermodynamic parameters of some complexes of 2-methylindole-3-car-

boxaldehyde 4-phenyl-3-thiosemicarbazone 371
Low-temperature heat capacity
The heat capacity and derived thermophysical properties of $SrZrSi_2O_7$ from 5 to 1000 K 11

Magnetite
Application of thermal analysis techniques to a sample of Red Mud — a by-product of the Bayer process — for magnetic separation 337
Mechanism
The oxidation kinetics of FeV_2O_4 in the range 200–580°C 227
Thermal decomposition studies. Part 19. Kinetics and mechanism of thermal decomposition of copper ammonium chromate precursor to copper chromite catalyst and correlation of surface parameters of the catalyst with propellant burning rate 235
Microemulsion
Calorimetric investigation on the formation of palladium nanoparticles in water/AOT/*n*-heptane microemulsions 111
Model
Analysis of different kinetic models in the dynamic pyrolysis of cellulose 175
The problem of discerning Avrami–Erofeev kinetic models from the new controlled rate thermal analysis with constant acceleration of the transformation 147

Nanoparticles
Calorimetric investigation on the formation of palladium nanoparticles in water/AOT/*n*-heptane microemulsions 111
Nickel ammonium nitrate
Phase transition in crystalline $[Ni(NH_3)_6](NO_3)_2$ as seen by the dependence of nucleation rate on temperature 377
Nickel compound
Cis–trans isomerism among the octahedral diaquabis(*N*-substituted ethylenediamine) nickel(II) complexes and their thermal reaction products: the mechanism of the thermal *trans*-diaqua-to-*cis*-dihalogeno configurational change 219
Non-isothermal
A kinetic study of the thermal decomposition of iron(III) hydroxide oxides. Part 1. α-FeO(OH) in banded iron formations 193
The oxidation kinetics of FeV_2O_4 in the range 200–580°C 227
Novel
A new flow calorimeter for the determination of the isobaric heat capacity of vapors 93
Nucleation rate
Phase transition in crystalline $[Ni(NH_3)_6](NO_3)_2$ as seen by the dependence of nucleation rate on temperature 377

Organic solvent
Thermodynamics of water binding by human serum albumin suspended in acetonitrile 47
Oxidation
Application of thermal analysis techniques to a sample of Red Mud — a by-product of the Bayer process — for magnetic separation 337
The oxidation kinetics of FeV_2O_4 in the range 200–580°C 227
Thermogravimetric study of activated carbon oxidized with H_2O_2 249
Oxide hydrate
Thermal decomposition of co-precipitated oxide hydrates of zirconium and manganese 267

Palladium
Calorimetric investigation on the formation of palladium nanoparticles in water/AOT/*n*-heptane microemulsions 111
Pesticide
Crystal–plastic and plastic–liquid phase transitions, and purity determination 31
Phase
Thermal decomposition of co-precipitated oxide hydrates of zirconium and manganese 267
Phase diagram
Phase diagram of the ternary system $SmCl_3$–NaCl–$CaCl_2$ 383
Phase transition
Crystal–plastic and plastic–liquid phase transitions, and purity determination 31
Phase transition in crystalline $[Ni(NH_3)_6](NO_3)_2$ as seen by the dependence of nucleation rate on temperature 377
Thermochemical study of methabenzthiazuron 19
Planigon
Localization phenomena in heterogeneous chemical kinetics with respect to a geometric–probabilistic description 1
Plastic phase
Crystal–plastic and plastic–liquid phase transitions, and purity determination 31

Polymer
Thermal studies on unirradiated and γ-irradiated polymer of allyl diglycol carbonate 331
Pressure
The effect of the CO_2 pressure on the thermal decomposition kinetics of calcium carbonate 121
Purity
Crystal–plastic and plastic–liquid phase transitions, and purity determination 31
Pyrolysis
Analysis of different kinetic models in the dynamic pyrolysis of cellulose 175
Thermogravimetric kinetic study of the pyrolysis of municipal solid waste 277

Quaternary system
The thermodynamics of some reactions in the Gd–Ba–Cu–O system 41

Reaction front advance
Localization phenomena in heterogeneous chemical kinetics with respect to a geometric–probabilistic description 1
Red Mud
Application of thermal analysis techniques to a sample of Red Mud — a by-product of the Bayer process — for magnetic separation 337

Samarium chloride
Phase diagram of the ternary system $SmCl_3$–NaCl–$CaCl_2$ 383
Sediment
Caractérisation de matériel humique, d'origine terrestre de la région Bas-Normande 319
Simulation
Molecular simulations of enthalpies for CH_4–C_2H_6–CO_2 mixtures at saturation conditions 55
SLE
The ternary system H_2O–NH_4NO_3–$Al(NO_3)_3$. Isotherms at −25, −20, −18.2, −10 and 0°C and spatial diagram up to 0°C 129
Sodium chloride
Phase diagram of the ternary system $SmCl_3$–NaCl–$CaCl_2$ 383
Spectrophotometry
Determination of thermodynamic parameters of some complexes of 2-methylindole-3-carboxaldehyde 4-phenyl-3-thiosemicarbazone 371
$SrZrSi_2O_7$
The heat capacity and derived thermophysical properties of $SrZrSi_2O_7$ from 5 to 1000 K 11
SSNTD
Thermal studies on unirradiated and γ-irradiated polymer of allyl diglycol carbonate 331
Stability
The thermodynamics of some reactions in the Gd–Ba–Cu–O system 41
Thermal decomposition of co-precipitated oxide hydrates of zirconium and manganese 267
Thermochemical study of methabenzthiazuron 19
Stability constant
Determination of thermodynamic parameters of some complexes of 2-methylindole-3-carboxaldehyde 4-phenyl-3-thiosemicarbazone 371
Stereochemistry
Cis–trans isomerism among the octahedral diaquabis(*N*-substituted ethylenediamine) nickel(II) complexes and their thermal reaction products: the mechanism of the thermal *trans*-diaqua-to-*cis*-dihalogeno configurational change 219
Sulphation
Sulfation of dolomite particles at high CO_2 partial pressures 63
Symmetry
Localization phenomena in heterogeneous chemical kinetics with respect to a geometric–probabilistic description 1

TA
Thermal behaviour of the basic carbonates of lanthanum–europium 209
Temperature dependence
Phase transition in crystalline $[Ni(NH_3)_6](NO_3)_2$ as seen by the dependence of nucleation rate on temperature 377
Ternary system
Calorimetric investigation on the formation of palladium nanoparticles in water/AOT/*n*-heptane microemulsions 111
Molecular simulations of enthalpies for CH_4–C_2H_6–CO_2 mixtures at saturation conditions 55
Phase diagram of the ternary system $SmCl_3$–NaCl–$CaCl_2$ 383
The ternary system H_2O–NH_4NO_3–$Al(NO_3)_3$. Isotherms at −25, −20, −18.2, −10 and 0°C and spatial diagram up to 0°C 129

TG
Caractérisation de matériel humique, d'origine terrestre de la région Bas-Normande 319
Comparative studies on the thermal analysis of alkali tris(carboxylato)ferrates(III) 381
The effect of grinding on the thermal decomposition of alumina monohydrates, α- and β-$Al_2O_3 \cdot H_2O$ 359
Thermal behaviour of benzyloxycarbonyl derivatives of 2-aminoethanethiol 79
Thermal change of SnI_2 thin films. Part 4. TG–DTA and DSC 261
Thermal decomposition of co-precipitated oxide hydrates of zirconium and manganese 267
Thermal studies on unirradiated and γ-irradiated polymer of allyl diglycol carbonate 331
TGA
Thermogravimetric kinetic study of the pyrolysis of municipal solid waste 277
Theophylline
Study of a theophylline–Eudragit L mixture using a combined system of microscopic Fourier-transform infrared spectroscopy and differential scanning calorimetry 153
Thermodynamics
A thermodynamic analysis of the decrepitation process 167
Determination of thermodynamic parameters of some complexes of 2-methylindole-3-carboxaldehyde 4-phenyl-3-thiosemicarbazone 371
The thermodynamics of some reactions in the Gd–Ba–Cu–O system 41
Thermodynamics of water binding by human serum albumin suspended in acetonitrile 47
Thermophysical properties
The heat capacity and derived thermophysical properties of $SrZrSi_2O_7$ from 5 to 1000 K 11
Thin film
Thermal change of SnI_2 thin films. Part 4. TG–DTA and DSC 261
Thiosemicarbazone
Determination of thermodynamic parameters of some complexes of 2-methylindole-3-carboxaldehyde 4-phenyl-3-thiosemicarbazone 371
Tin iodide
Thermal change of SnI_2 thin films. Part 4. TG–DTA and DSC 261
Tris(carboxylato)ferrate
Comparative studies on the thermal analysis of alkali tris(carboxylato)ferrates(III) 381

Vanadate
The oxidation kinetics of FeV_2O_4 in the range 200–580°C 227
VLE
Molecular simulations of enthalpies for CH_4–C_2H_6–CO_2 mixtures at saturation conditions 55

Waste
Thermogravimetric kinetic study of the pyrolysis of municipal solid waste 277
Water
Calorimetric investigation on the formation of palladium nanoparticles in water/AOT/*n*-heptane microemulsions 111
Volumetric properties of binary mixtures of water with ethanolamine alkyl derivatives 347
Water sorption
Thermodynamics of water binding by human serum albumin suspended in acetonitrile 47
Wigner–Seitz cell
Localization phenomena in heterogeneous chemical kinetics with respect to a geometric–probabilistic description 1

Zirconium oxide hydrate
Thermal decomposition of co-precipitated oxide hydrates of zirconium and manganese 267